

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Akira ISHIBASHI et al.) Group Art Unit: 1771
)
Serial No.: Unassigned) Examiner: E. Cole
)
Filed: November 9, 2001)
)
For: A SLIDER FORMED OF FIBER-)
REINFORCED THERMOPLASTIC)
RESIN (AS AMENDED))

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT

Prior to the examination of the above application, please amend this application
as follows:

IN THE TITLE:

Please change the title to read:

A SLIDER FORMED OF FIBER-REINFORCED THERMOPLASTIC RESIN.

IN THE SPECIFICATION:

Please amend the specification as follows:

Insert the following paragraph after the title: --This is a division of application
Serial No. 09/324,766, filed June 3, 1999, which is incorporated herein by reference.--

0998667-110901

LAW OFFICES

FINNEGAN, HENDERSON,
FARABOW, GARRETT,
& DUNNER, L.L.P.
1300 I STREET, N. W.
WASHINGTON, D. C. 20005
202-408-4000

IN THE CLAIMS:

Please cancel claims 1-14, 20, and 22 without prejudice or disclaimer thereof, and amend claims 15-19 and 21 as follows:

15. (Amended) A slide fastener, said slide fastener having a slider, said slider comprising a fiber-reinforced resin material of polyester containing reinforcing fibers and incorporating therein additionally as a sliding property-imparting agent a material having a storage elastic modulus in the range of 3.5×10^8 Pa to 5.0×10^8 Pa in a service temperature range of 30°C to 70°C at a ratio in the range of 4 to 20% by weight, based on the total weight of said resin and said reinforcing fibers, wherein said reinforcing fiber is present in an amount of 30 to 60% by weight, based on the weight of said polyester and said reinforcing fibers.

16. (Amended) The slide fastener according to claim 15, wherein said resin material is selected from the group consisting of polybutylene terephthalate, polyethylene terephthalate, and polycarbonate.

17. (Amended) The slide fastener according to claim 15, wherein said resin material is polybutylene terephthalate.

18. (Amended) The slide fastener according to claim 15, wherein said sliding property-imparting agent is selected from the group consisting of fluoropolymers and polyethylene.

19. (Amended) The slide fastener according to claim 15, wherein said sliding property-imparting agent is polytetrafluoroethylene.

05636-0024-01

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21. (Amended) The slide fastener according to claim 15, wherein said reinforcing fiber is at least one member selected from the group consisting of glass fibers, carbon fibers, and metal fibers.

REMARKS

Claims 15-19 and 21 are pending in this application. Claims 1-14, 20, and 22 have been canceled. Claims 15-19 and 21 have been amended. These amendments are fully supported by the originally-filed specification, claims, abstract, and drawings, and do not constitute new matter. Applicants respectfully request the Office's examination of the application and the timely allowance of the pending claims.

If there is any fee due in connection with the filing of this Preliminary Amendment, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: November 9, 2001

By: 

Eric W. Adcock
Reg. No. 43,461

05636-0024-01

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APPENDIX TO PRELIMINARY AMENDMENT OF NOVEMBER 9, 2001

Version with Markings to Show Changes Made

Amendments to the Claims

15. (Amended) A [formed article of thermoplastic resin,] slide fastener, said slide fastener having a slider, said slider comprising a fiber-reinforced resin material of [a thermoplastic resin (excluding a polyamide-based resin)] polyester containing reinforcing fibers and incorporating therein additionally as a sliding property-imparting agent a material having a storage elastic modulus in the range of 3.5×10^8 Pa to 5.0×10^8 Pa in a service temperature range of 30°C to 70°C at a ratio in the range of 4 to 20% by weight, based on the total weight of said resin and said reinforcing fibers, wherein said reinforcing fiber is present in an amount of 30 to 60% by weight, based on the weight of said polyester and said reinforcing fibers.

16. (Amended) The [formed article] slide fastener according to claim 15, wherein said [thermoplastic] resin material is selected from the group consisting of polybutylene terephthalate, polyethylene terephthalate, and polycarbonate.

17. (Amended) The [formed article] slide fastener according to claim 15, wherein said [thermoplastic] resin material is polybutylene terephthalate.

18. (Amended) The [formed article] slide fastener according to claim 15, wherein said sliding property-imparting agent is selected from the group consisting of fluoropolymers and polyethylene.

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19. (Amended) The [formed article] slide fastener according to claim 15, wherein said sliding property-imparting agent is polytetrafluoroethylene.

21. (Amended) The [formed article] slide fastener according to claim 15, wherein said reinforcing fiber is at least one member selected from the group consisting of glass fibers, carbon fibers, and metal fibers.

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